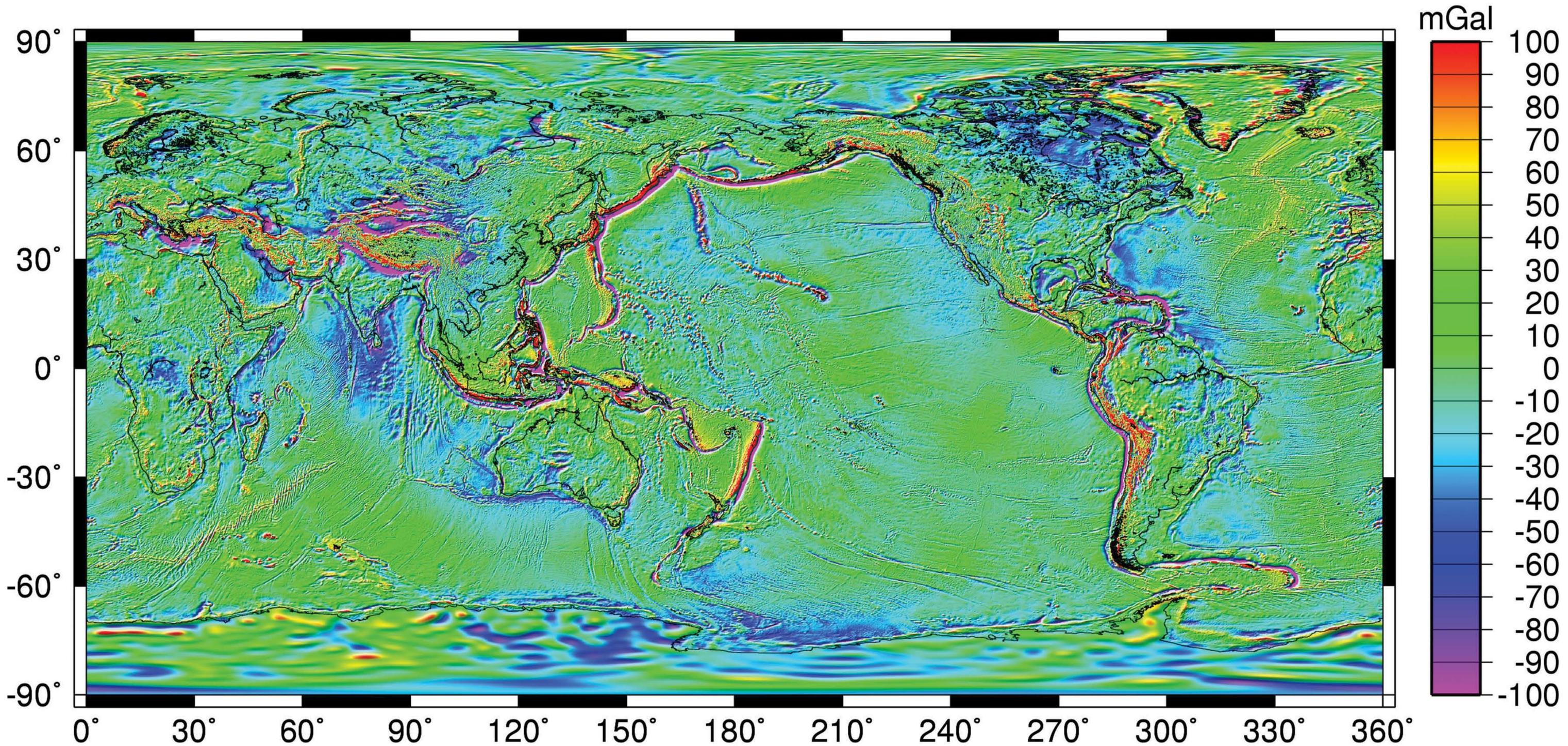




Free-air Gravity Anomalies From the Earth Gravitational Model 2008 (EGM2008)



Free-air gravity anomalies computed from EGM08, averaged over 5 arc-minute by 5 arc-minute cells on the surface of the Earth. A gravity anomaly is the difference of actual (observed) gravity from a nominal (theoretical) value. The unit is “milliGal” (denoted mGal, where $1 \text{ mGal} = 10^{-5} \text{ ms}^{-2}$), which corresponds approximately to 1 part per million of the gravity acceleration sensed by an observer on the Earth’s surface. Notice the numerous geophysical features that are revealed, such as oceanic trenches, ridges, subduction and fracture zones, and seamount chains.